

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139678.D
 Acq On : 07 Oct 2024 11:16
 Operator : RC/JU
 Sample : PB163905BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163905BL

Quant Time: Oct 07 11:43:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

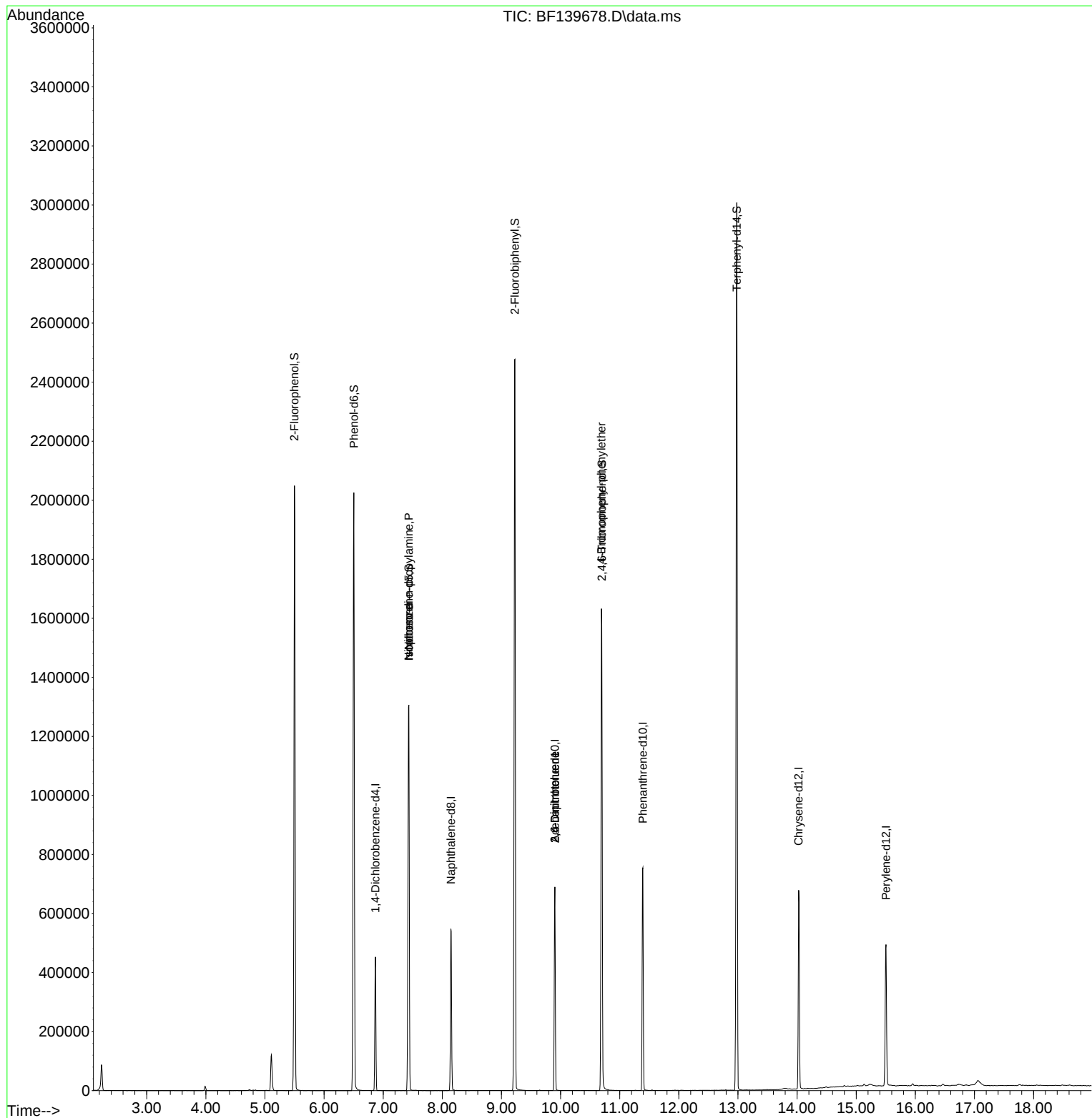
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	91249	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	350368	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202991	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	414186	20.000	ng	0.00
76) Chrysene-d12	14.027	240	321328	20.000	ng	0.00
86) Perylene-d12	15.504	264	281241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	721234	136.996	ng	0.01
7) Phenol-d6	6.504	99	968966	136.863	ng	0.00
23) Nitrobenzene-d5	7.433	82	625611	90.405	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	271224	138.412	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1159933	87.724	ng	0.00
79) Terphenyl-d14	12.980	244	1546239	78.957	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	85062	18.688	ng	# 76
25) Isophorone	7.433	82	621927	50.600	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	26068	8.684	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	26068	6.644	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	17654	4.157	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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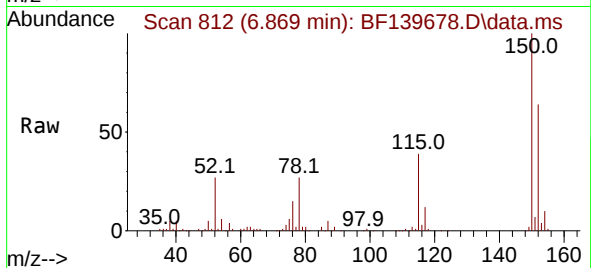
Quant Time: Oct 07 11:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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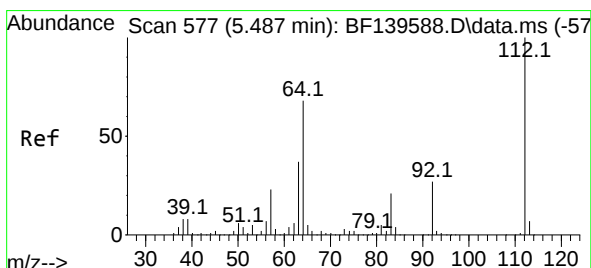
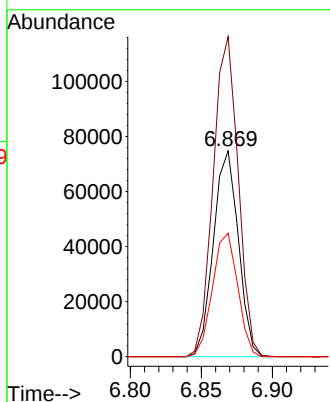
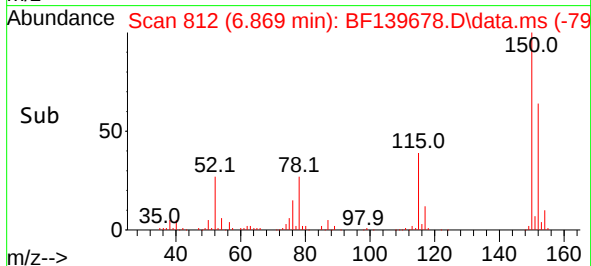


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Instrument :
BNA_F
ClientSampleId :
PB163905BL

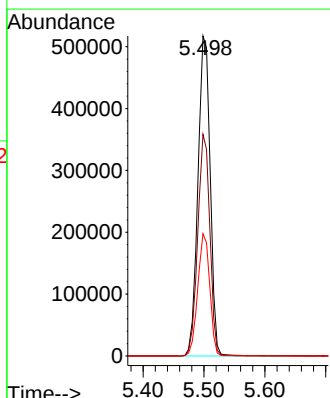
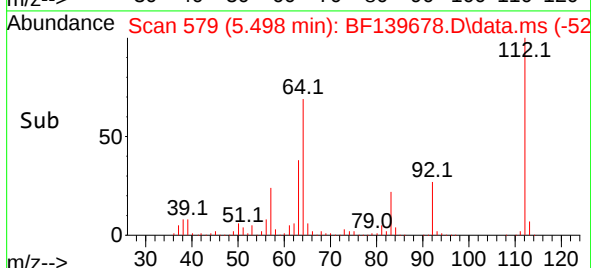
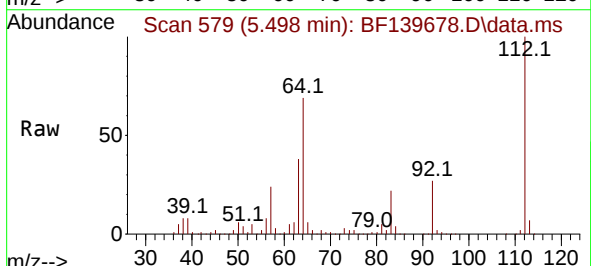


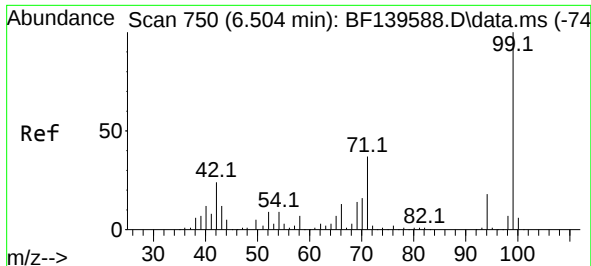
Tgt Ion:152 Resp: 91249
Ion Ratio Lower Upper
152 100
150 155.6 127.2 190.8
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 136.996 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Tgt Ion:112 Resp: 721234
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.2 29.4 44.2

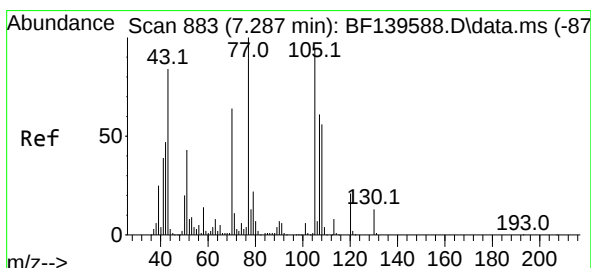
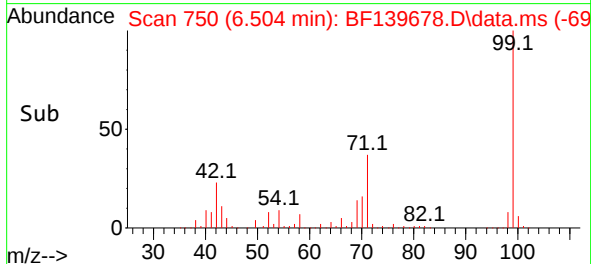
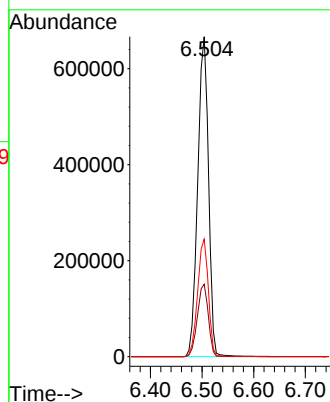
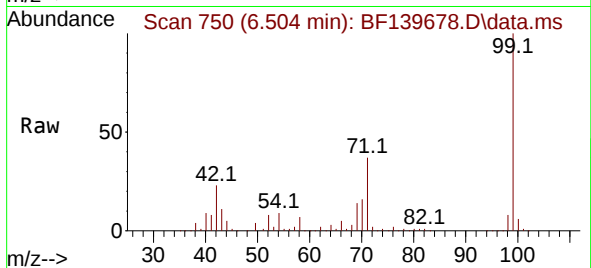




#7
Phenol-d6
Concen: 136.863 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

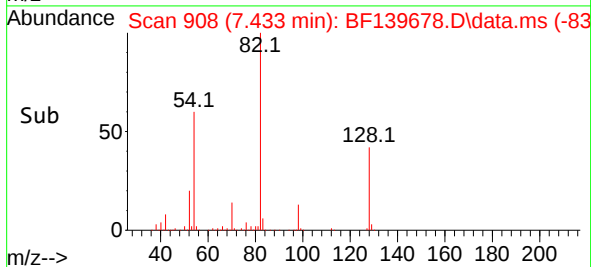
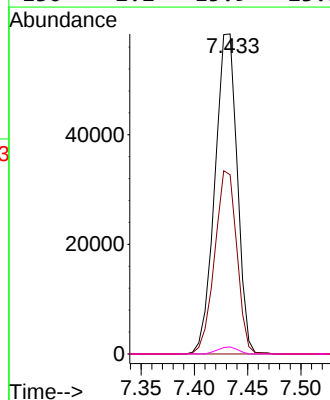
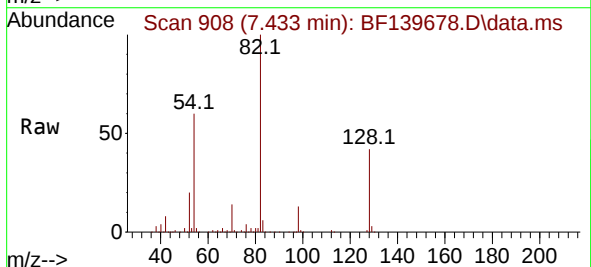
Instrument :
BNA_F
ClientSampleId :
PB163905BL

Tgt Ion: 99 Resp: 968966
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 36.7 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.688 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Tgt Ion: 70 Resp: 85062
Ion Ratio Lower Upper
70 100
42 56.0 58.0 87.0#
101 0.0 7.8 11.8#
130 2.2 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

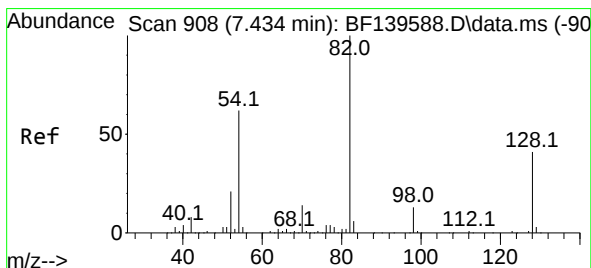
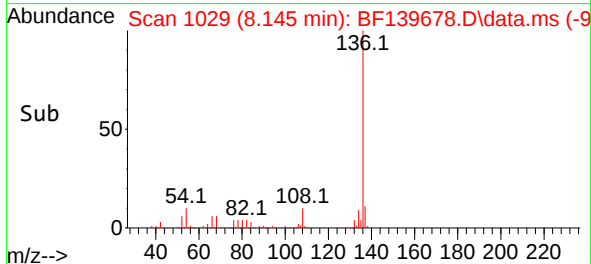
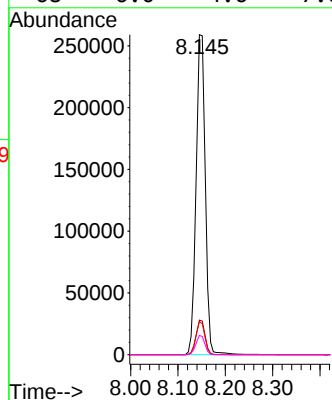
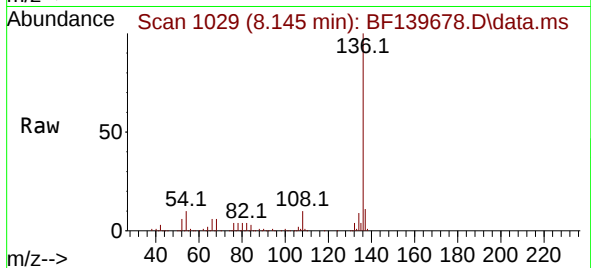
Instrument :

BNA_F

ClientSampleId :

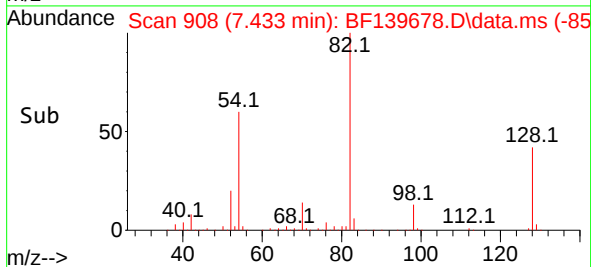
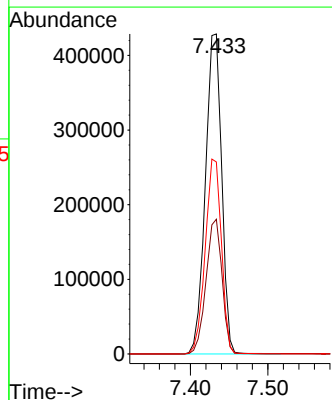
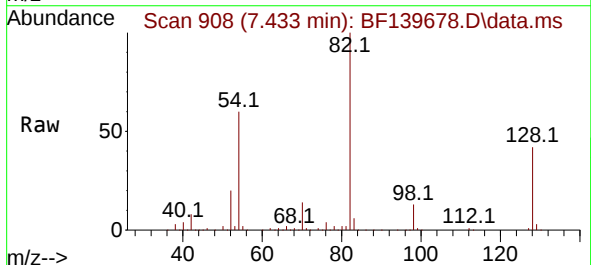
PB163905BL

Tgt Ion:136 Resp: 350368
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 90.405 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Tgt Ion: 82 Resp: 625611
Ion Ratio Lower Upper
82 100
128 42.1 32.4 48.6
54 60.0 49.1 73.7

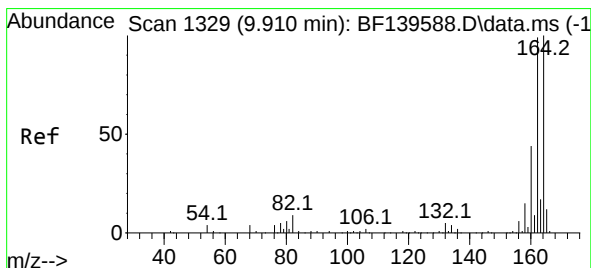
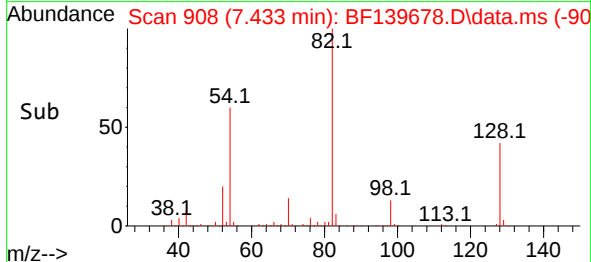
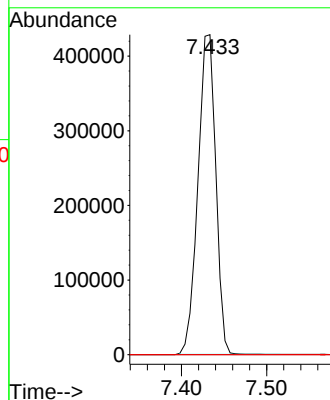
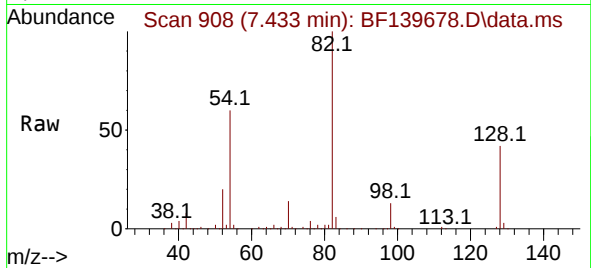




#25
Isophorone
Concen: 50.600 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

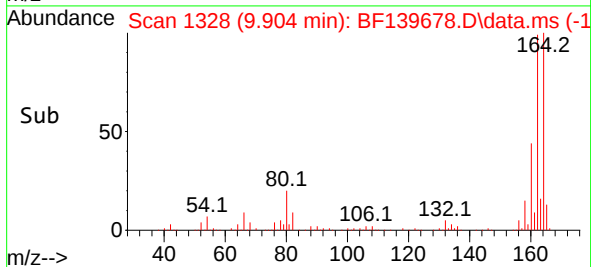
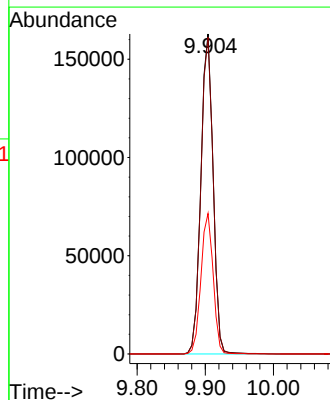
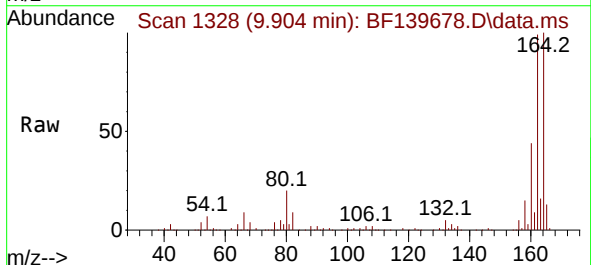
Instrument :
BNA_F
ClientSampleId :
PB163905BL

Tgt Ion: 82 Resp: 621927
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

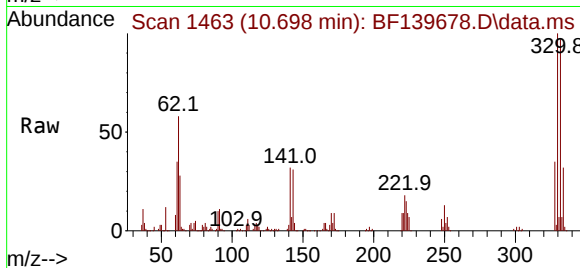
Tgt Ion: 164 Resp: 202991
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 43.9 35.1 52.7



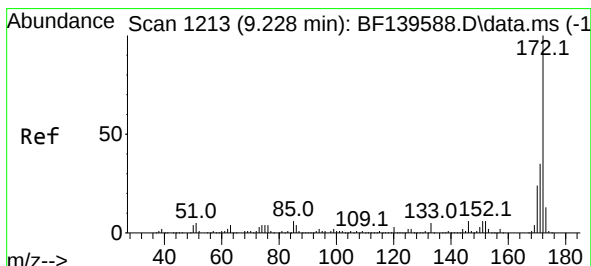
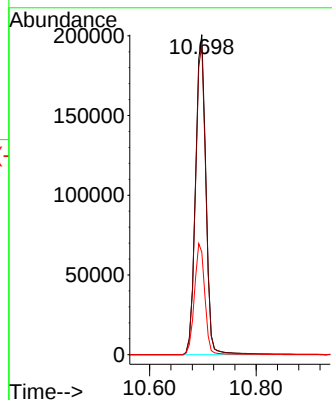
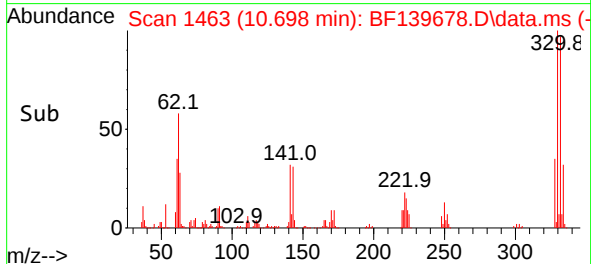


#42
2,4,6-Tribromophenol
Concen: 138.412 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

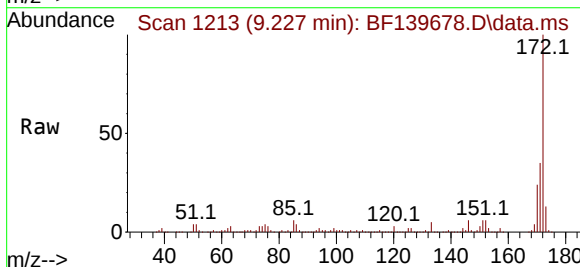
Instrument :
BNA_F
ClientSampleId :
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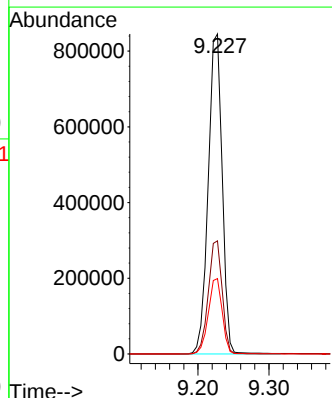
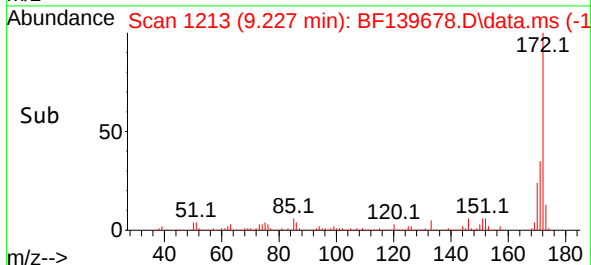
Tgt Ion:330 Resp: 271224
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 34.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 87.724 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16



Tgt Ion:172 Resp: 1159933
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.6 18.8 28.2

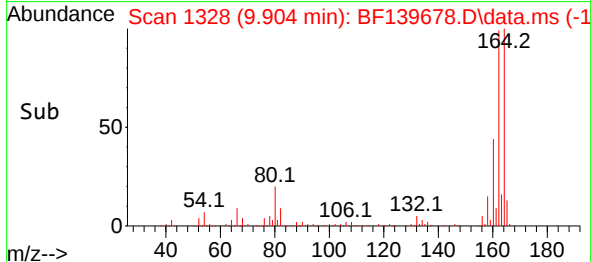
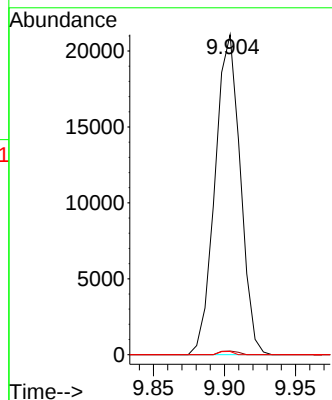
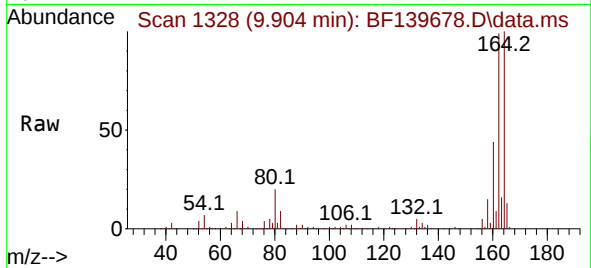




#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

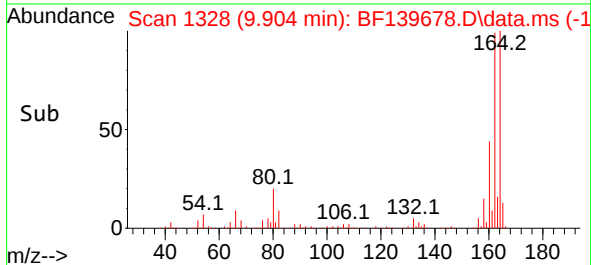
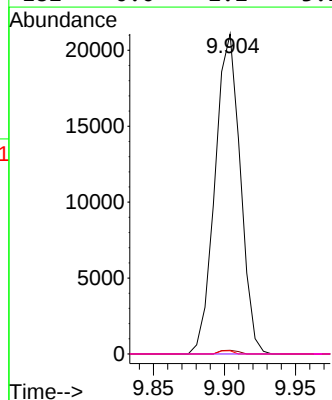
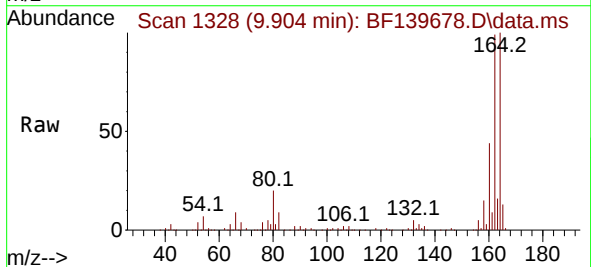
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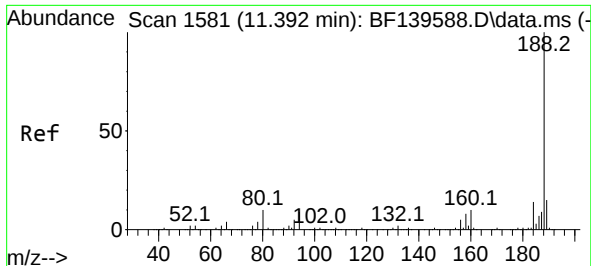
Tgt Ion:165 Resp: 26068
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.644 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Tgt Ion:165 Resp: 26068
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.0 64.4 96.6#
182 0.0 2.2 3.2#

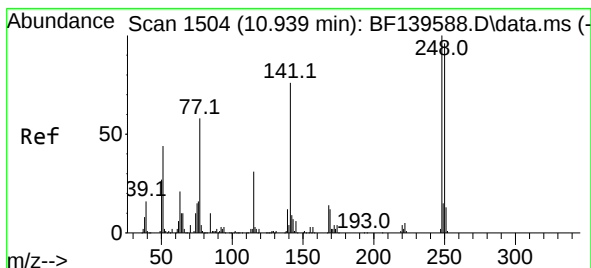
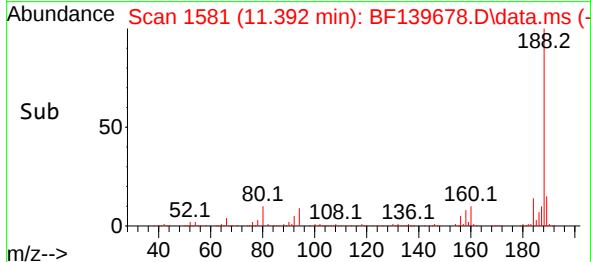
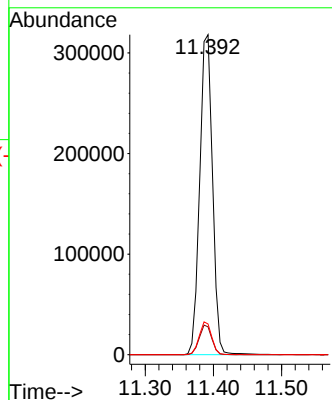
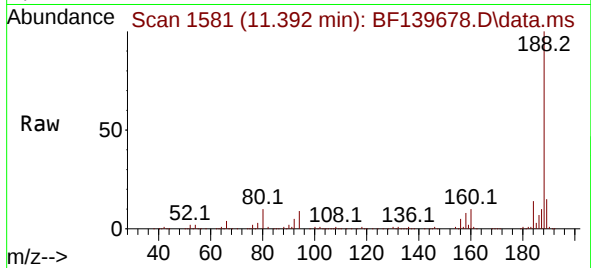




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

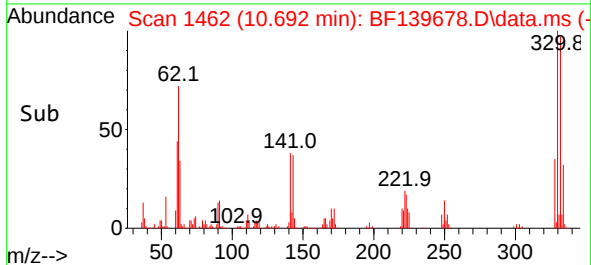
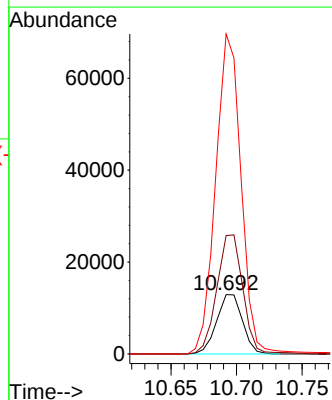
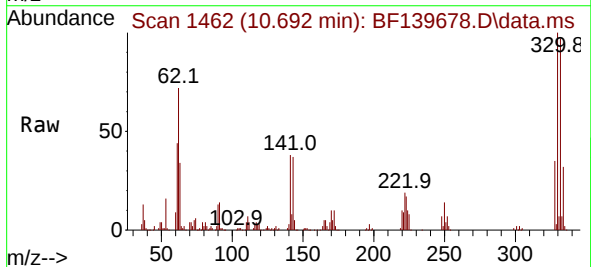
Instrument :
BNA_F
ClientSampleId :
PB163905BL

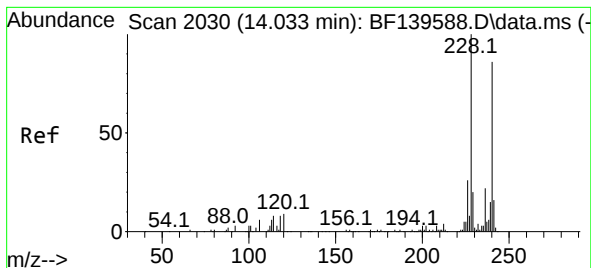
Tgt Ion:188 Resp: 414186
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.157 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF139678.D
Acq: 07 Oct 2024 11:16

Tgt Ion:248 Resp: 17654
Ion Ratio Lower Upper
248 100
250 199.2 77.1 115.7#
141 538.4 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139678.D

Acq: 07 Oct 2024 11:16

Instrument :

BNA_F

ClientSampleId :

PB163905BL

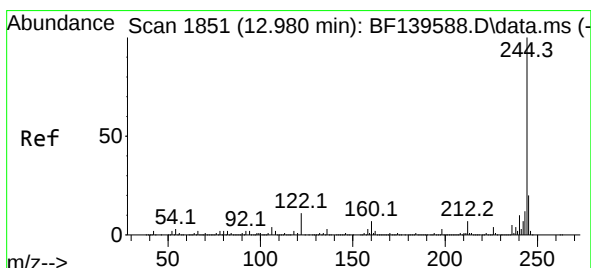
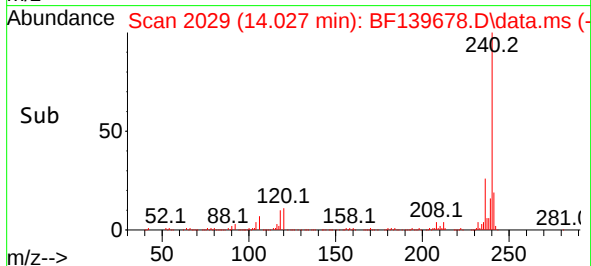
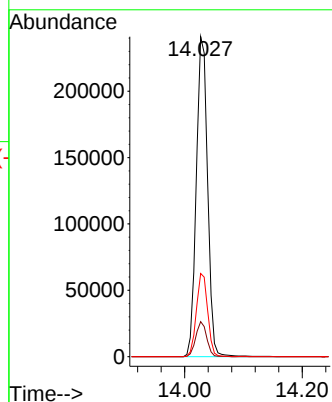
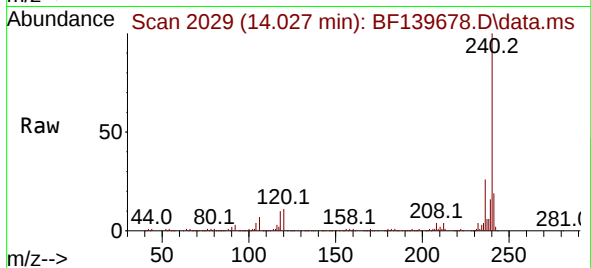
Tgt Ion:240 Resp: 321328

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 78.957 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139678.D

Acq: 07 Oct 2024 11:16

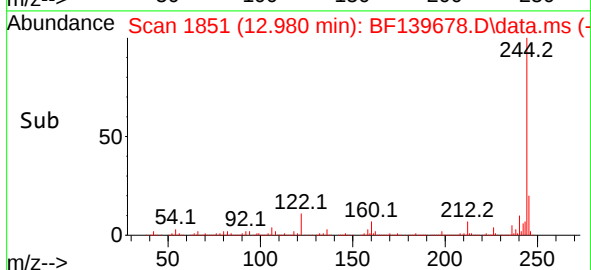
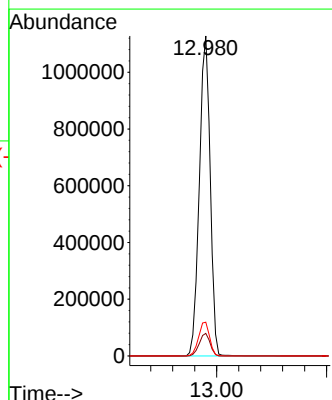
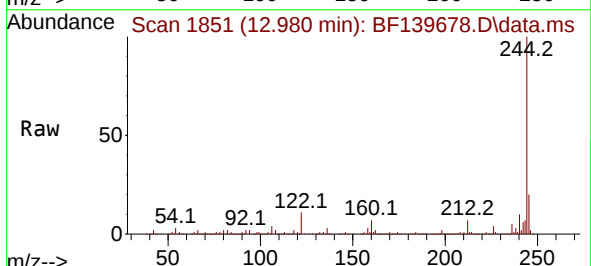
Tgt Ion:244 Resp: 1546239

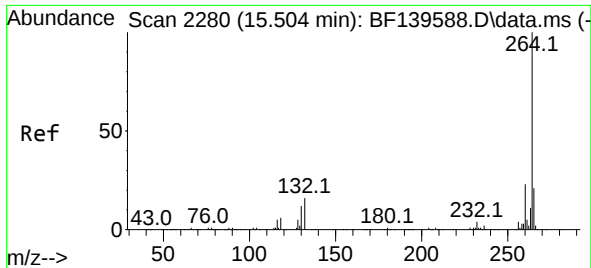
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.5 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139678.D
 Acq: 07 Oct 2024 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB163905BL

Tgt Ion:264 Resp: 281241
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 22.3 16.9 25.3

